## Home & Garden

The goal of the Home & Garden Program within THE Plan is to prevent and reduce health risks from exposure to lead and smelter metals in the home and yard environment. Specific goals are:

* to prevent young children’s and pregnant women’s exposure to lead in their home and yard environments
* to inform the community, and particularly expectant families and families with young children, about the potential health risks from lead and other smelter metals in the home & yard environment
* to engage the community, and particularly expectant families and families with young children, in addressing potential health risks from lead and other smelter metals in the home and yard environment
* to prevent health risks from exposure to soil in the community.

The Home & Garden works towards these goals through the following main approaches:

* Residential Yard and Garden Assessment
* Healthy Home Program (primary prevention and case management)
* Residential yard soil remediation (where lead concentrations exceed 5000 mg/kg. and to prevent/reduce risks)
* Residential vegetable garden soil remediation (where lead concentrations exceed 1000 mg/kg and to prevent/reduce risks);
* Home Renovation Support Program
* Soil assessment (in the community) – playgrounds, schools etc.

### Each of these approaches is described in detail below.

### Residential Yard and Garden Assessment & Remediation

* Overview of program only. Details on the prioritization of yards and gardens for remediation (based on lead concentrations in soil), the actual activities involved in remediation, as well as restoration of the yards and gardens are provided in SNC-Lavalin (2011). This document also includes Standard Operating Procedures, notification letters, and detailed methods for analyzing and managing data.
  + Describe basis for 5000 and 1000 mg/kg targets
* Long Term Soil Study (what is it and how does it tie in)
* Produce sampling etc. Did the HHRA produce screening values for comparison?
* Grass Clipping assessment (what is it and how does it tie in?)

### Healthy Home Program

* Overview of program - soil assessment to prioritize properties for remediation based on the presence of young children, both for Case Management (where BLL are elevated), and for Primary Prevention (to prevent elevated BLL from occurring)
* Lead paint testing (is this offered only to our PP and CM families or is it offered to anyone receiving the HRSP services?)
* Collaboration with Family Health Program - describe

### Home Renovation Support Program

* Overview of program only. Details provided…….
  + Communication and outreach to increase public awareness of program.
  + Supplies, equipment provided. Education/information.
  + Connect to BC1Call, Building Permits in the appropriate place
  + Make sure that the description responds to the following recommendation made after the 2010 consultation: “Given strong public support but low awareness of this program, it is a priority to conduct more extensive promotion of the Home Renovation Support Program. This includes expanded outreach to young families throughout Greater Trail through daycares, family play groups, home & garden stores, libraries and other businesses and services that cater to young families. There also will be increased outreach to home renovation professionals and links to the RDKB building permits department.”
  + Lead Paint Testing (should this be here????)
  + Engagement of the home building sector - Contractor Training, what else?

### Soil Assessment (& Remediation?) in the Community

* Playgrounds, schools etc. Who remediates?

### Compliance Monitoring and Adaptation

* Describe how work will be evaluated/reviewed to determine the need for changes

### Summary and Conclusions

### References

SNC-Lavalin. 2011. Draft Trail Wide Residential Remediation Guidelines. Version 5. Prepared for Teck Metals Ltd. August 2011.

SNC-Lavalin. 2008. Draft. Soil Assessment Guidelines.

### Contacts

Please refer to Table 1-1 for more information or to obtain copies of the referenced documents.

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| **Table 1-1 Contact Information for the Home and Garden Program** | | | |
| Program Area | Contact Person | Contact Phone Number | Contact Email |
| Trail Health and Environment Program General Information | Mark Tinholt | 250-364-4385 | Mark.Tinholt@Teck.com |
| Residential Yard Remediation |  |  |  |
|  |  |  |  |
| Home Renovation Support Program |  |  |  |